

## **ABSTRACT:**

A glenoid plastic prosthesis 100 for cementation is described, comprising a pear-shaped body having a concave articular face 26 and a convex face with a horizontal keel 28 and threaded pegs 34. Indentations 30 on the keel and the convex surface of the implant follow a generally fractal pattern in order to increase the implant cement interface.

Tools are provided such as

- a) A glenoid-marking tool 58 used to stamp into the glenoid subchondral bone patterns of indentations of a generally fractal nature and
- b) A glenoid indentation tool used to make indents in walls of the glenoid cavity for the keel in order to increase the bone-cement interface.